

1. A detection method for detecting driving characteristics of a vibration correction apparatus having a vibration detection device adapted to detect a vibration, a movement correction unit for correcting a movement of an image due to the vibration based on a vibration detection output detected by said vibration detection device, and a controller adapted to control an operation of said movement correction unit,

said method comprising:

providing a predetermined driving signal to the movement correction unit;

driving the movement correction unit on the basis of the provided predetermined driving signal;

detecting response characteristics of the movement correction unit by comparing a driving result signal obtained by driving the movement correction unit to said predetermined driving signal; and

obtaining correction information for correcting driving characteristics of the movement correction unit in accordance with the detected response characteristics.

2. The method according to claim 1, wherein the movement correction unit is an optical correction unit including a variable angle prism.

3. The method according to claim 1, wherein upon obtaining the correction information, correction information corresponding to the detected response characteristics is selected and fetched from a memory storing plural pieces of predetermined correction information.

4. A detection method for detecting driving characteristics of a vibration correction apparatus having a vibration detection device adapted to detect a vibration, a movement correction unit for correcting a movement of an image due to the vibration based on a vibration detection output detected by said vibration detection device, and a controller adapted to control an operation of said movement correction unit;

said method comprising:

providing a predetermined driving signal to the movement correction unit;

driving the movement correction unit on the basis of the provided predetermined driving signal;

detecting response characteristics of the movement correction unit by comparing a driving result signal obtained by driving the movement correction unit to said predetermined driving signal;

obtaining correction information for correcting driving characteristics of the movement correction unit in accordance with the detected response characteristics; storing the obtained correction information.

5. The method according to claim 4, wherein the movement correction unit is an optical correction unit including a variable angle prism.

6. The method according to claim 4, wherein upon obtaining the correction information, correction information corresponding to the detected response characteristics is selected and fetched from a memory storing plural pieces of predetermined correction information.

7. A detection method for detecting driving characteristics of a vibration correction apparatus, correcting, and driving the vibration correction apparatus, wherein the vibration correction apparatus has a vibration detection device adapted to detect a vibration, a movement correction unit for correcting a movement of an image due to the vibration based on a vibration detection output detected by said vibration detection device, and a controller adapted to control an operation of said movement correction unit; said method comprising:

providing a predetermined driving signal to the movement correction unit;

driving the movement correction unit on the basis of the provided predetermined driving signal;

detecting response characteristics of the movement correction unit by comparing a driving result signal obtained by driving the movement correction unit to said predetermined driving signal;

obtaining correction information for correcting driving characteristics of the movement correction unit in accordance with the detected response characteristics;

driving the movement correction unit using the correction information.

8. The method according to claim 7, wherein the movement correction unit is an optical correction unit including a variable angle prism.

9. The method according to claim 7, wherein upon obtaining the correction information, correction information corresponding to the detected response characteristics is selected and fetched from a memory storing plural pieces of predetermined correction information.

10. A detection method for detecting driving characteristics of a vibration correction apparatus,

correcting, and driving the vibration correction apparatus, wherein the vibration correction apparatus has a vibration detection device adapted to detect a vibration, a movement correction unit for correcting a movement of an image due to the vibration based on a vibration detection output detected by said vibration detection device, and a controller adapted to control an operation of said movement correction unit;

    said method comprising:

        providing a predetermined driving signal to the movement correction unit;

        driving the movement correction unit on the basis of the provided predetermined driving signal;

        detecting response characteristics of the movement correction unit by comparing a driving result signal obtained by driving the movement correction unit to said predetermined driving signal;

        obtaining correction information for correcting driving characteristics of the movement correction unit in accordance with the detected response characteristics;

        storing the obtained correction information;

and

        driving the movement correction unit using the stored correction information.

11. The method according to claim 10, wherein the movement correction unit is an optical correction unit including a variable angle prism.

12. The method according to claim 10, wherein upon obtaining the correction information, correction information corresponding to the detected response characteristics is selected and fetched from a memory storing plural pieces of predetermined correction information.

13. A detection method for detecting driving characteristics of a vibration correction apparatus having a vibration detection device adapted to detect a vibration, a movement correction unit for correcting a movement of an image due to the vibration based on a vibration detection output detected by said vibration detection device, and a controller adapted to control an operation of said movement correction unit;

said method comprising:

outputting a reference driving signal representing a state in which the vibration detection device detects a predetermined vibration;

driving the movement correction unit on the basis of the outputted reference driving signal;

detecting response characteristics of the movement correction unit, upon being driven, by comparing a driving result signal obtained by driving the movement correction unit to the outputted reference driving signal; an

obtaining correction information for correcting driving characteristics of the movement correction unit in accordance with the detected response characteristics.

14. The method according to claim 13, wherein the movement correction unit is an optical correction unit including a variable angle prism.

15. The method according to claim 13, wherein upon obtaining the correction information, correction information corresponding to the detected response characteristics is selected and fetched from a memory storing plural pieces of predetermined correction information.

16. A detection method for detecting driving characteristics of a vibration correction apparatus having a vibration detection device adapted to detect a vibration, a movement correction unit for correcting a movement of an image due to the vibration based on a vibration detection output detected by said vibration

detection device, and a controller adapted to control an operation of said movement correction unit;

said method comprising:

    outputting a reference driving signal representing a state in which the vibration detection device detects a predetermined vibration;

    driving the movement correction unit on the basis of the outputted reference driving signal;

    detecting response characteristics of the movement correction unit, upon being driven, by comparing a driving result signal obtained by driving the movement correction unit to the outputted reference driving signal; and

    obtaining correction information for correcting driving characteristics of the movement correction unit in accordance with the detected response characteristics; and

    storing the obtained correction information.

17. The method according to claim 16, wherein the movement correction unit is an optical correction unit including a variable angle prism.

18. The method according to claim 16, wherein upon obtaining the correction information, correction information corresponding to the detected response

characteristics is selected and fetched from a memory storing plural pieces of predetermined correction information.

19. A detection method for detecting driving characteristics of a vibration correction apparatus, correcting, and driving the vibration correction apparatus, wherein the vibration correction apparatus has a vibration detection device adapted to detect a vibration, a movement correction unit for correcting a movement of an image due to the vibration based on a vibration detection output detected by said vibration detection device, and a controller adapted to control an operation of said movement correction unit;

said method comprising:

outputting a reference driving signal representing a state in which the vibration detection device detects a predetermined vibration;

driving the movement correction unit on the basis of the outputted reference driving signal;

detecting response characteristics of the movement correction unit, upon being driven, by comparing a driving result signal obtained by driving the movement correction unit to the outputted reference driving signal;

obtaining correction information for correcting driving characteristics of the movement correction unit in accordance with the detected response characteristics; and

driving the movement correction unit using the obtained correction information.

20. The method according to claim 19, wherein the movement correction unit is an optical correction unit including a variable angle prism.

21. The method according to claim 19, wherein upon obtaining the correction information, correction information corresponding to the detected response characteristics is selected and fetched from a memory storing plural pieces of predetermined correction information.

22. A detection method for detecting driving characteristics of a vibration correction apparatus, correcting, and driving the vibration correction apparatus, wherein the vibration correction apparatus has a vibration detection device adapted to detect a vibration, a movement correction unit for correcting a movement of an image due to the vibration based on a vibration detection output detected by said vibration

detection device, and a controller adapted to control an operation of said movement correction unit;

said method comprising:

    outputting a reference driving signal representing a state in which the vibration detection device detects a predetermined vibration;

    driving the movement correction unit on the basis of the outputted reference driving signal;

    detecting response characteristics of the movement correction unit, upon being driven, by comparing a driving result signal obtained by driving the movement correction unit to the outputted reference driving signal;

    obtaining correction information for correcting driving characteristics of the movement correction unit in accordance with the detected response characteristics; and

    storing the obtained correction information;

    driving the movement correction unit using the obtained correction information.

23. The method according to claim 22, wherein the movement correction unit is an optical correction unit including a variable angle prism.

24. The method according to claim 22, wherein upon obtaining the correction information, correction information corresponding to the detected response characteristics is selected and fetched from a memory storing plural pieces of predetermined correction information.